Kimley-Horn and Associates, Inc. Priority: 5 Project Description for Unsignalized Intersection

Client: Town of Addison Date: 1/2/18 Program: ADA Self-Evaluation and Transition Plan Prepared By: CMP KHA No.: 063543021 Checked By: EPE

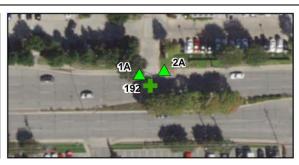
Corridor : Project Name: GPS ID: 192 Belt Line Rd Intersection of Belt Line Rd and driveway (Lat. 32.9541; Long. -96.8275) Town: Addison

TXDOT 110-6001 EXCAVATION (ROADWAY) 0 CY \$ 10.00 \$ TXDOT 529-6002 CONC CURB (TY II) 0 LF \$ 15.00 \$ TXDOT 531-6001 CONC SIDEWALKS (4') 0 SY \$ 45.00 \$ TXDOT 531-6001 CURB RAMPS 2 EA \$ 1,500.00 \$ TXDOT 5031 CURB RAMPS 2 EA \$ 1,500.00 \$ TXDOT 503-6002 RETROFIT DET WARN SURF (CAST IN PLACE) 0 SF \$ 50.00 \$ TXDOT 104-6015 REMOVING CONC (SIDEWALKS) 21 SY \$ 9.00 \$ TXDOT 677 ELIM EXT PAVE MRK & MRKS 0 LF \$ 2.80 \$ TXDOT 66678 REFL PAV MRK PREP, TY I & TY II (W) 24'(SLD) 0 LF \$ 8.50 \$ \$ \$ \$ \$ \$ \$ \$ \$	Item Cost
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FIX CURB RAMP TRANSITION	0 \$ -
MEDIAN NOSE MODIFICATION	0 \$ 2,000.00
REMOVE TEMPORARY OBSTRUCTION 0 LS \$ 500.00 \$	0 \$ 2,000.00
FIX CURB RAMP COUNTER SLOPE 0 LS \$ 2,000.00 \$	
Basis for Cost Projection Subtotal: \$,
☑ No Design Completed Engineering: (% +/-) 20% \$	
☐ Preliminary Design Contingency: (% +/-) 20% \$	
☐ Final Design Estimated Project Cost: \$	st: \$ 11,000.00

Project Location







Field Observations

Intersection Issues	Crosswalk				Possible Solutions
	N	E	S	W	Possible Solutions
Path of travel pavement condition Path of travel running slope is greater than 5% Path of travel cross slope is greater than 2% for stop control approaches	All dr	iveway path c	of travel issue	es and possible	solutions provided in driveway shapefile (TRPEDDRV)
Path of travel cross slope is greater than 5% for free-flow approaches. Crosswalk width is less than 6' Crosswalk striping condition					

	Curk	Domo	ID ('z' or 'i' in romp label indicates no	
Curb Ramp Issues	Curb Ramp ID ('z' or 'i' in ramp label indicates no			Possible Solutions
Curb Ramp issues	4.6	0.4	existing ramp)	Possible Solutions
	1A	2A		
Curb ramp does not exist and is needed		ļ		
Curb ramp does not land in crosswalk				
No 4' x 4' clear space at base of curb ramp		<u> </u>		
Curbed side is not 90° or has traversable adjacent surface				
Flare cross slope is greater than 10%				
Curb ramp running slope is greater than 8.3%		Χ		
Blended transition running slope is greater than 5%				
Cut-thru ramp running slope is greater than 5%	- [Remove and replace curb ramp
Curb ramp cross slope is greater than 2%	Х	Χ		Remove and replace curb famp
Cut-thru ramp cross slope is greater than 2%				
Curb ramp width is less than 48"	- [
Cut-thru ramp width is less than 60"				
Permanent obstruction (>0.25") in curb ramp/landing/flares	X	Х		
Temporary obstruction (>0.25") in curb ramp/landing/flares	_ <u>i</u>	<u></u> j		
No textured surface at base of curb ramp	X	Χ		For intersection, commercial driveway, and park ramps, install
No color contrast at base of curb ramp	_i			<u> </u>
Landing area does not exist and is needed				
Landing area is less than 5' x 5' or slopes greater than 2%	X	Χ		Remove and replace landing area
Curb ramp transition onto roadway is greater than 0.25"		Χ		Fix curb ramp transition
Counter slope of the gutter or street at the foot of the curb ramp is				
greater than 5%				
Ponding occurs at base of curb ramp	Х			Fix ponding

Photographs







Ramp 2A

Opinion of Probable Construction Cost Disclaimer:

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

Project Location Map Sources:

Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2013, DigitalGlobe, GeoEye, i-cubed, USDA, AEX, Getmapping, Aerogrip, IGN, IGP, swisstopo, and the GIS User Community